

20080601.ba v04_n176.bam.20080601

>From ???@??? Sat May 31 19:00:53 2008 -0500
Date: Sun, 1 Jun 2008 00:00:01 GMT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 4176
Message-Id: <20080601000020.4195910B1B4@srvr1.theporch.com>

BOATANCHORS Digest 4176

Topics covered in this issue include:

- 1) Re: SX-28 Restoration
by john <johnmb@nc.rr.com>
- 2) Re: SX-28 Restoration
by Scott Robinson <spr@earthlink.net>
- 3) Re: SX-28 Restoration
by "Morris Odell" <vilgotch@bigpond.net.au>
- 4) Re: SX-28 Restoration
by Scott Robinson <spr@earthlink.net>

Message-Id: <6.2.1.2.2.20080531162920.03532c10@pop-server.nc.rr.com>
Date: Sat, 31 May 2008 16:30:03 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: john <johnmb@nc.rr.com>
Subject: Re: SX-28 Restoration
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Dick

In regards the dirt, a small flux paint brush to remove the loose stuff,
then sponge bits in forceps and water, for the harder stuff!

John K5M0

PS: A GREAT radio!

At 04:24 PM 5/31/2008, RICHARD SOLOMON wrote:

>I was given an SX-28 today and it is a candidate for restoration. This
>will be my first major restoration and I will be asking a lot of questions.
>
>The radio had been stored in a garage in Arizona (read high heat !!) for
>some 20+ years and some of the knobs have been cooked to the point

>they crumble. So I will need to locate a source for them.
>
>There is no rust but a lot of dirt. What is the best way to clean it ?
>
>Once I can see the chassis, I will check the caps with my trusty ESR
>meter. But I get ahead of myself. The first thing is to get it out of the
>cabinet and clean it up.
>
>This will be a fun project, I look forward to it.
>
>73, Dick, W1KSZ

Mime-Version: 1.0
Message-Id: <p06240800c46790ab6100@[192.168.1.2]>
Date: Sat, 31 May 2008 16:36:42 -0700
To: Old Tube Radios <boatanchors@theporch.com>
From: Scott Robinson <spr@earthlink.net>
Subject: Re: SX-28 Restoration
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

Hi Dick,

I wouldn't bother to measure the paper caps; replace 'em all. Check
all resistor values while you're at it, and do those as required,
too.

There are some R's and C's in the front end, and these require major
disassembly to access. Although I usually do all caps, in my SX-28 I
did the rest and then fired it up and checked the DC screen and
cathode voltages in the front end. All were in spec, so I left it
alone for now. It's not just that I'm lazy, it's that I worry about
getting things back together properly. If you do that disassembly,
take lots of pictures as you go to help re-connect the wiring to the
removed and replaced modules.

Regards,

Scott

At 8:24 PM +0000 5/31/08, RICHARD SOLOMON wrote:

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>will be my first major restoration and I will be asking a lot of questions.
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>73, Dick, W1KSZ

Message-ID: <001901c8c377\$27e85040\$ad00a8c0@Morris1>
From: "Morris Odell" <vilgotch@bigpond.net.au>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: SX-28 Restoration
Date: Sun, 1 Jun 2008 09:36:31 +1000
MIME-Version: 1.0
Content-Type: text/plain;
 format=flowed;
 charset="iso-8859-1";
 reply-type=original
Content-Transfer-Encoding: 7bit

Hi Dick,

Boy, you are in for some fun!

I would clean it up by a careful water wash and leave it in the hot sun to dry. I wouldn't do the Tektronix deluge treatment, but do it carefully using a toothbrush or similar and try to avoid the transformers & coils etc.

I suspect there will be huge gobs of wax underneath where the paper caps have been cooked and you will have to replace them all. The coupling caps into the grids of the 6V6s can cause real disaster if they fail so they really need to be good quality parts. ESR meters are no help for those. The electrolytics may be salvageable but I replaced them all in my '28. Reducing the risk of anything failing and damaging the absolutely irreplaceable power & output transformers is the name of the game. In mine the crystal housing was full of wax which had flowed out of the caps and so it needed a really careful delicate disassembly. Most of the resistors will be out of spec as well and will need to be replaced.

The most challenging part is the RF deck. A.B. Bonds has written a great web page on how to do this, which I found invaluable. Sorry I don't have a link but the author is still a member of the group.

I had to repaint mine completely - it's not hard to remove the front panel. I stripped all the old paint off and redid it with anti-rust spray epoxy. I

filled the engraved markings with white filler that I got from AES. It looks like it just came out of the factory.

This is a great classic radio that's really worth doing properly. I had been lusting after an SX-28 for about 40 years before I found one down here in Oz. I had to drive all the way to Sydney (1000 Km one way) to collect it. Restoring it was a real labour of love!

Good luck

Morris VK3DOC

----- Original Message -----

From: "RICHARD SOLOMON" <w1ksz@q.com>

To: "Old Tube Radios" <boatanchors@theporch.com>

Sent: Sunday, June 01, 2008 6:24 AM

Subject: SX-28 Restoration

I was given an SX-28 today and it is a candidate for restoration. This will be my first major restoration and I will be asking a lot of questions.

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This will be a fun project, I look forward to it.

73, Dick, W1KSZ

No virus found in this incoming message.

Checked by AVG.

Version: 7.5.524 / Virus Database: 269.24.4/1476 - Release Date: 5/31/2008
12:25 PM

Mime-Version: 1.0

Message-Id: <p06240801c46791989848@[192.168.1.2]>

Date: Sat, 31 May 2008 16:38:29 -0700
To: Old Tube Radios <boatanchors@theporch.com>
From: Scott Robinson <spr@earthlink.net>
Subject: Re: SX-28 Restoration
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

At 4:30 PM -0400 5/31/08, john wrote:

>Dick

>

>In regards the dirt, a small flux paint brush to remove the loose
>stuff, then sponge bits in forceps and water, for the harder stuff!

>

>John K5MO

>

>PS: A GREAT radio!

and Scott adds:

For some kinds of dirt paint thinner works well, hurts nothing, and
causes no rust.

And yes, it's a great radio, and fabulous looking, too.

Filamentarily yours,

Scott

End of BOATANCHORS Digest 4176
